FORM 1449\*

## INFORMATION DISCLOSURE STATEMENT

Docket Number: 00270.0078USWO

Application Number: 10/516,753

IN AN APPLICATION

Filing Date: December 3,

Applicant: HANNOUFA et al.

Group Art Unit: Unknown

(Use several sheets if necessary)

	·	1	U.S. PATENT DOCUME	NTS		-	
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/BP/	5,428,147	06/1995	Barker et al.				
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/BP/	97/35990	10/1997	WIPO				
/BP/	98/37184	08/1998	WIPO				
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	ОТНЕК	DOCUMENT	S (Including Author, Title,	Date, Pertinent F	ages, Etc.)		
/BP/	Ahmad et Interactio 16646-16	n with Chicken	ats of the p48 Subunit of Ch Histone Deacetylase-2", Jon	icken Chromatir urnal of Biologic	Assembly Factor- al Chemistry (1999	1 Required fo	or in Vitro o. 23:
Altschul et al., "Gapped BLAST and PSI-BLAST: a new generation of protein database search production of protein database search protein				search progra	ms",		
An et al., "Strong, constitutive expression of the Arabidopsis ACT2/ACT8 actin subclass in vegetative to The Plant Journal (1996); vol. 10, no. 1: 107-121				tissues",			
Archdeacon et al., "A single amino acid substitution beyond the C2H2-zinc finger in Ros derepresses virulen and T-DNA genes in Agrobacterium tumefaciens", FEMS Microbiology Letters (2000); 187: 175-178				virulence			
Bannister et al., "The CBP co-activator is a histone acetyltransferase", Nature (1996); vol. 384: 641-643				43			
500000000000	Beetham specific n	Beetham et al., "A tool for functional plant genomics: Chimeric RNA/DNA oligonucleotides cause <i>in vivo</i> genespecific mutations", Proceedings of the National Academy of Sciences of USA (1999); vol. 96: 8774-8778					
Berleth et al., "Plant morphogenesis: long-distance coordination and local patterning", Current Opinion in F Biology (2001); vol. 4: 57-62				n in Plant			
<b>V</b>	Bittinger of Interation	et al., " <i>rosR</i> , a D s (1997); vol. 10	Determinant of Nodulation ( ), no. 2: 180-186	Competitiveness	in <i>Rhizobium etli</i> ",	Molecular Pl	ant-Microl

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Date Mailed: March 29, 2005 Sheet 2 of 7

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IN AN APPLICATION  (Use several sheets if necessary)		Applicant: HANNOUFA et al.		
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/BP/	Boyle et al., "Repression of the Defense Gene <i>PR-10a</i> by the Single-Stranded DNA Binding Protein SEBF", The Plant Cell (2001); vol. 13: 2525-2537
	Brandstatter et al., "Two Genes with Similarity to Bacterial Response Regulators Are Rapidly and Specifically Induced by Cytokinin in Arabidopsis", The Plant Cell (1998); vol. 10: 1009-1019
	Brightwell et al., "Pleiotropic Effects of Regulatory ros Mutants of Agrobacterium radiobacter and Their Interaction with Fe and Glucose", Molecular Plant-Microbe Interactions (1995); vol. 8, no. 5: 747-754
	Burge et al., "Prediction of Complete Gene Structures in Human Genomic DNA", Journal of Molecular Biology (1997); vol. 268: 78-94
9000000000	Caddick et al., "An ethanol inducible gene switch for plants used to manipulate carbon metabolism", Nature Biotechnology (1998); vol. 16: 177-180
000000000000000000000000000000000000000	Carrington et al., "Bipartite Signal Sequence Mediates Nuclear Translocation of the Plant Potyviral Nla Protein" The Plant Cell (1991); vol. 3: 953-962
	Chou et al., "Agrobacterium transcriptional regulator Ros is a prokaryotic zinc finger protein that regulates the plant oncogene ipt" Proceedings of the National Academy of Sciences of USA (1998); vol. 95: 5293-5298
	Chrivia et al., "Phosphorylated CREB binds specifically to the nuclear protein CBP", Nature (1993); vol. 365: 855-859
	Clough et al., "Floral dip: a simplified method for <i>Agrobacterium</i> -mediated transformation of <i>Arabidopsis thaliana</i> " The Plant Journal (1998); vol. 16, no. 6: 735-743
200000000000000000000000000000000000000	Cooley et al., "The <i>virC</i> and <i>virD</i> Operons of the <i>Agrobacterium</i> Ti Plasmid Are Regulated by the <i>ros</i> Chromosomal Gene: Analysis of the Cloned <i>ros</i> Gene" Journal of Bacteriology (1991); vol. 173, no. 8: 2608-2616
**************************************	D'Souza-Ault et al., "Analysis of the Ros Repressor of Agrobacterium virC and virD Operons: Molecular Intercommunication between Plasmid and Chromosomal Genes" Journal of Bateriology (1993); vol. 175, no. 11 3486-3490
***************************************	Eisner et al., "Analysis of <i>Arabidopsis thaliana</i> transgenic plants transformed with <i>CER2</i> and <i>CER3</i> genes in sense and antisense orientations" Theoretical and Applied Genetics (1998); vol. 97: 801-809
300000000000000000000000000000000000000	Emiliani et al., "Characterization of a human <i>RPD3</i> ortholog, HDAC3", Proceedings of the National Academy o Sciences of USA (1998); vol. 95: 2795-2800
200000000000000000000000000000000000000	Fischle et al., "A New Family of Human Histone Deacetylases Related to Saccharomyces cerevisiae HDA1p" The Journal of Biological Chemistry (1999); vol. 274, no. 17: 11713-11720
300000000000000000000000000000000000000	Fukaki et al., "Genetic evidence that the endodermis is essential for shoot gravitropism in <i>Arabidopsis thaliana</i> " The Plant Journal (1998); vol. 14, no. 4: 425-430
***************************************	Gao et al., "Regulation and characterization of four CBF transcription factors from Brassica napus", Plant Molecular Biology (2002); vol. 49, 459-471
V	Gao et al., "Expression of the extrinsic 23-kDa protein of photosystem II in response to salt stress is associated with the K+/Na+ discrimination locus <i>Kna1</i> in wheat", Plant Cell Reports (2001); vol. 20: 774-778

EXAMINER	DATE CONSIDERED	

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IN AN APPLICATION	Applicant: HANNOUFA et a	Applicant: HANNOUFA et al.		
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/BP/	Gao et al., "A novel protein from <i>Brassica napus</i> has a putative KID domain and responds to low temperature", The Plant Journal (2003); vol. 33: 1073-1086
90000000	Gatz, Christiane, "Chemical Control of Gene Expression", Annual Review Plant Physiology and Plant Molecular Biology (1997); vol. 48: 89-108
	Gatz et al., "Promoters that respond to chemical inducers", Trends in Plant Science (1998); vol. 3, no. 9: 352-358
	Gelmetti et al., "Aberrant Recruitment of the Nuclear Receptor Corepressor-Histone Deacetylase Complex by the Acute Myeloid Leukemia Fusion Partner ETO" Molecular and Cellular Biology (1998); vol. 18, no. 12: 7185-7191
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	Gonzalez et al., "Characterization of Motifs Which Are Critical for Activity of the Cyclic AMP-Responsive Transcription Factor CREB", Molecular and Cellular Biology (1991); vol. 11, no. 3: 1306-1312
000000000000000000000000000000000000000	Gonzalez et al., "Cyclic AMP Stimulates Somatostatin Gene Transcription by Phosphorylation of CREB at Serin 133" Cell (1989); vol. 59: 675-680
60000000000000000000000000000000000000	Grustein, Michael, "Histone acetylation in chromatin structure and transcription", Nature (1997): vol. 389: 349-352
000000000000000000000000000000000000000	Hart et al., "A 61 bp enhancer element of the tobacco β-1,3-glucanase B gene interacts with one or more regulated nuclear proteins", Plant Molecular Biology (1993); vol. 21: 121-131
***************************************	Hassig et al., "Histone Deacetylase Activity Is Required for Full Transcriptional Repression by mSin3A", Cell (1997); vol. 89: 341-347
000000000000000000000000000000000000000	Hassig et al., "Nuclear histone acetylases and deacetylases and transcriptional regulation: HATs off to HDAC's", Current Opinion in Chemical Biology (1997); vol. 1: 300-308
00000	Hassig et al., "A role for histone deacetylase activity in HDAC1-mediated transcriptional repression", Proceedings of the National Academy of Sciences of USA (1998); vol. 95: 3519-3524
000000000000000000000000000000000000000	Helarlutta et al., "The SHORT-ROOT Gene Controls Radial Patterning of the Arabidopsis Root through Radial Signaling", Cell (2000); vol. 101: 555-567
0000	Holtorf et al., "Comparison of different constitutive and inducible promoters for the overexpression of transgenes in <i>Arabidopsis thaliana</i> ", Plant Molecular Biology (1995); vol. 29, 637-646
0000	Hurley et al., "Regulation of Changes in Cytosolic Ca <sup>2+</sup> and Na <sup>+</sup> Concentrations in Rat Submandibular Gland Acini Exposed to Carbachol and ATP", Journal of Cellular Physiology (1996); vol. 168: 229-238
000000000000000000000000000000000000000	Jofuku et al., "Control of Arabidopsis Flower and Seed Development by the Homeotic Gene <i>APETALA2</i> ", The Plant Cell (1994); vol. 6: 1211-1225
000000000000000000000000000000000000000	Johnson et al., "Histone deacetylases: complex transducers of nuclear signals", Cell & Development Biology (1999); vol. 10: 179-188
***************************************	Johnson et al., "Activation domains of transcriptional regulatory proteins", Journal of Nutritional Biochemistry (1993); vol. 4: 386-398
V	Kadosh et al., "Repression by Une6 Involves Recruitment of a Complex Containing Sin3 Corepressor and Rpd3 Histone Deacetylase to Target Promoters", Cell (1997); vol. 89: 365-371

EXAMINER	DATE CONSIDERED
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/BP/	Kakimoto, Tatsuo, "CKI1, a Histidine Kinase Homolog Implicated in Cytokinin Signal Transduction", Science (1996); vol. 274: 982-985
00000000	Kapila et al., "An Agrobacterium-mediated transient gene expression system for intact leaves", Plant Science (1997); vol. 122: 101-108
000000000000000000000000000000000000000	Kaya et al., "FASCIATA Genes for Chromatin Assembly Factor-1 in Arabidopsis Maintain the Cellular Organization of Apical Meristems", Cell (2001); vol. 104: 131-142
000000000000000000000000000000000000000	Keller et al., "Molecular Analysis of the <i>Rhizobium meliloti mucR</i> Gene Regulating the Biosynthesis of the Exopolysaccharides Succinoglycan and Galactoglucan", Molecular Plant-Microbe Interactions (1995); vol. 8, no 2: 267-277
000	Khochbin et al., "The origin and utility of histone deacetylases", FEBS Letters (1997); vol. 419: 157-160
000000000000000000000000000000000000000	Knight et al., "Cold Calcium Signaling in Arabidopsis Involves Two Cellular Pools and a Change in Calcium Signature after Acclimation", The Plant Cell (1996); vol. 8: 489-503
000000000000000000000000000000000000000	Kohno-Murase et al., "Effects of an antisense napin gene on seed storage compounds in transgenic <i>Brassica napus</i> seeds", Plant Molecular Biology (1994); vol. 26: 1115-1124
000000000000000000000000000000000000000	Kölle et al., "Substrate and sequential site specificity of cytoplasmic histone acetyltransferases of maize and rat liver", FEBS Letters (1998); vol. 421: 109-114
0000000000	Kuo et al., "Roles of histone acetyltransferases and deacetylases in gene regulation", BioEssays (1998); vol. 20: 615-626
000000	Laurenzio et al., "The SCARECROW Gene Regulates an Asymmetric Cell Division That is Essential for Generating the Radial Organization of the Arabidopsis Root", Cell (1996); vol. 86: 423-433
000000000000000000000000000000000000000	Liscum et al., "Phototropism: A "Simple" Physiological Response Modulated by Multiple Interacting Photosensory-response Pathways", Photochemistry and Photobiology (2000); vol. 72, no. 3: 273-282
000000000000000000000000000000000000000	Lotan et al., "Arabidopsis LEAFY COTYLEDON1 Is Sufficient to Induce Embryo Development in Vegetative Cells", Cell (1998); vol. 93: 1195-1205
000000000000000000000000000000000000000	Lusser et al., "Histone acetylation: lessons from the plant kingdom", Trends in Plant Science (2001); vol. 6, no. 2 59-65
000000000000000000000000000000000000000	Mandel et al., "Definition of constitutive gene expression in plants: the translation initiation factor 4A gene as a model", Plant Molecular Biology (1995); vol. 29: 995-1004
200000000000000000000000000000000000000	Meyer et al., "The Promoter of the Gene Encoding 3',5'-Cyclic Adenosine Monophosphate (cAMP) Response Element Binding Protein Contains cAMP Response Elements: Evidence for Positive Autoregulation of Gene Transcription", Endocrinology (1993); vol. 132, no. 2: 770-780
	Miki et al., "Fundamentals of gene transfer in plants", In Plant Metabolism, 2nd edition (1997); DT Dennis, DH Turpin, DD Lefebrve, DB Layzell (eds), Addison Wesly, Langmans Ltd., London: 561-579
V	Monroy et al., "Low-Temperature Signal Transduction: Induction of Cold Acclimation-Specific Genes of Alfalfa by Calcium at 25°C", The Plant Cell (1995); vol. 7: 321-331

EXAMINER	DATE CONSIDERED

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/BP/	Montminy, Marc, "TRANSCRIPTIONAL REGULATION BY CYCLIC AMP", Annual Review of Biochemist (1997); vol. 66: 807-822
	Murashige et al., "A Revised Medium for Rapid Growth and Bio Assays with Tobacco Tissue Cultures", Physiologia Plantarum (1962); vol. 15: 473-497
	Murfett et al., "Identification of Arabidopsis Histone Deacetylase HDA6 Mutants That Affect Transgene Expression", The Plant Cell (2001); vol. 13: 1047-1061
	Murray et al., "Codon usage in plant genes", Nucleic Acids Research (1989); vol. 17, no. 2: 477-498
	Nakai et al., "A Knowledge Base for Predicting Protein Localization Sites in Eukaryotic Cells", Genomics (1992); vol. 14: 897-911
	Nakajima et al., "Intercellular movement of the putative transciption factor SHR in root patterning", Nature (2001); vol. 413: 307-311
	Odell et al., "Identification of DNA sequences required for activity of the cauliflower mosaic virus 35S promoter", Nature (1985); vol. 313: 810-812
	Ogas et al., "Cellular Differentiation Regulated by Gibberellin in the Arabidopsis thaliana pickle Mutant", Science (1997); vol. 277: 91-94
	Ogryzko et al., "The Transcriptional Coactivators p300 and CBP Are Histone Acetyltransferases", Cell (1996); vol. 87: 953-959
	Pazin et al., "What's up and Down with Histone Deacetylation and Transcription?", Cell (1997); vol. 89: 325-32
***************************************	Pysh et al., "The GRAS gene family in Arabidopsis: sequence characterization and basic expression analysis of the SCARECROW-LIKE genes", The Plant Journal (1999); vol. 18, no. 1: 111-119
-	Quinn, Patrick G., "Distinct Activation Domains within cAMP Response Element-binding Protein (CREB) Mediate Basal and cAMP-stimulated Transcription", The Journal of Biological Chemistry (1993); vol. 268, no. 23: 16999-17009
	Ridgway et al., "CAF-1 and the inheritance of chromatin states: at the crossroads of DNA replication and repair Journal of Cell Science (2000); vol. 113: 2647-2658
	Rizzo et al., "Unique Strains of SV40 in Commercial Poliovaccines from 1955 Not Readily Indetifiable with Current Testing for SV40 Infection", Cancer Research (1999); vol. 59: 6103-6108
	Robbins et al., "Two Interdependent Basic Domains in Nucleoplasmin Nuclear Targeting Sequence: Identification of a Class of Bipartite Nuclear Targeting Sequence", Cell (1991); vol. 64: 615-623
	Rundlett et al., "HDA1 and RPD3 are members of distinct yeast histone deacetylase complexes that regulate silencing and transcription", Proceedings of the National Academy of Sciences in the USA (1996); vol. 93: 14503-14508
V	Salter et al., "Characterization of the ethanol-inducible <i>alc</i> gene expression system for transgenic plants", The Plant Journal (1998); vol. 16, no. 1: 127-132

EXAMINER	DATE 001/0/DEDED
EXAMINER	DATE CONSIDERED

Date Mailed: March 29, 2005

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/BP/	Sardana et al., "Construction and rapid testing of synthetic and modified toxin gene sequences CryIA (b & c) by expression in maize endosperm culture", Plant Cell Reports (1996); vol. 15: 677-681
COLORON	Scheres et al., "Mutations affecting the radial organisation of the <i>Arabidopsis</i> root display specific defects throughout the embryonic axis", Development (1995); vol. 121: 53-62
	Schumacher et al., "The <i>Lateral suppressor (Ls)</i> gene of tomato encodes a new member of the VHIID protein family", Proceeding of the National Academy of Sciences in the USA (1999); vol. 96: 290-295
	Shaywitz et al., "Magnitude of the CREB-Dependent Transcriptional Response Is Determined by the Strength of the Interaction between the Kinase-Inducible Domain of CREB and the KIX Domain of CREB-Binding Protein", Molecular and Cellular Biology (2000); vol. 20, no. 24: 9409-9422
	Silverstone et al., "The Arabidopsis <i>RGA</i> Gene Encodes a Transcriptional Regulator Repressing the Gibberellin Signal Transduction Pathway", The Plant Cell (1998); vol. 10: 155-169
	Stockinger et al., "Arabidopsis thaliana CBF1 encodes an AP2 domain-containing transcriptional activator that binds to the C-repeat/DRE, a cis-acting DNA regulatory element that stimulates transcription in response to low temperature and water deficit", Proceedings of the National Academy of Sciences in the USA (1997); vol. 94: 1035-1040
	Stockinger et al., "Transcriptional adaptor and histone acetyltransferase proteins in <i>Arabidopsis</i> and their interactions with CBF1, a transcriptional activator involved in cold-regulated gene expression", Nucleic Acids Research (2001), vol. 29, no. 7: 1524-1533
000000000000000000000000000000000000000	Struhl, Kevin, "Histone acetylation and transcriptional regulatory mechanisms", Genes & Development (1998); vol. 12: 599-606
000000000000000000000000000000000000000	Tian et al., "Blocking histone deacetylation in <i>Arabidopsis</i> induces pleiotropic effects on plant gene regulation and development", Proceedings of the National Academy of Sciences (2001); vol. 98, no. 1: 200-205
200000000000000000000000000000000000000	Tian et al., "Arabidopsis SHY2/IAA3 Inhibits Auxin-Regulated Gene Expression", The Plant Cell (2002); vol. 14: 301-319
000000000000000000000000000000000000000	Ulmasov et al., "Aux/IAA Proteins Repress Expression of Reporter Genes Containing Natural and Highly Active Synthetic Auxin Response Elements", The Plant Cell (1997); vol. 9: 1963-1971
000000000000000000000000000000000000000	van der Krol et al., "The Basic Domain of Plant B-ZIP Proteins Facilitates Import of a Reporter Protein into Plant Nuclei", The Plant Cell (1991); vol. 3: 667-675
000000000000000000000000000000000000000	Varagona et al., "Monocot Regulatory Protein Opaque-2 Is Localized in the Nucleus of Maize Endosperm and Transformed Tobacco Plants", The Plant Cell (1991); vol. 3: 105-113
000000000000000000000000000000000000000	Varagona et al., "Nuclear Localization Signal(s) Required for Nuclear Targeting of the Maize Regulatory Protein Opaque-2", The Plant Cell (1992); vol. 4: 1213-1227
200000000	Verbsky et al., "Chromatin remodeling in plants", Current Opinion in Plant Biology (2001); vol. 4: 494-500
V	Verdel et al., "Identification of a New Family of Higher Eukaryotic Histone Deacetylases", The Journal of Biological Chemistry (1999); vol. 274, no. 4: 2440-2445

EXAMINER	DATE CONSIDERED
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	IN AN APPLICATION	Applicant: HANNOUFA et al.	
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/BP/	Vidal et al., "RPD3 Encodes a Second Factor Required To Achieve Maximum Positive and Negative Transcriptional States in Saccharomyces cervisiae", Molecular and Cellular Biology (1991); vol. 11, no. 12: 6317-6327	
ĕ	Weissbach et al. (1999), Methods for Plant Molecular Biology, Academy Press, New York VIII: 421-463	
000000000000000000000000000000000000000	Wu et al., "Functional analysis of a <i>RPD3</i> histone deacetylase homologue in <i>Arabidopsis thaliana</i> ", Plant Molecular Biology (2000); vol. 44: 167-176	
000000000000000000000000000000000000000	Wu et al., "Functional analysis of HD2 histone deacetylase homologues in <i>Arabidopsis thaliana</i> ", The Plant Journal (2000); vol. 22, no. 1: 19-27	
200000000000000000000000000000000000000	Xu et al., "Rice Triosephosphate Isomerase Gene 5' Sequence Directs β-Glucuronidase Activity I Transgenic Tobacco but Requires an Intron for Expression in Rice", Plant Physiology (1994); vol. 106: 459-467	
200000000000000000000000000000000000000	Yanofsky et al., "The protein encoded by the <i>Arabidopsis</i> homeotic gene <i>agamous</i> resembles transcription factors", Nature (1990); vol. 346: 35-39	
233000000000000000000000000000000000000	Zenser et al., "Auxin modulates the degradation rate of Aux/IAA proteins", Proceedings of the National Academy of Sciences (2001); vol. 98, no. 20: 11795-11800	
00000000000000000000000000000000000000	Zhang et al., "Analysis of Rice Act1 5' Region Activity in Transgenic Rice Plants", The Plant Cell (1991); vol. 3: 1155-1165	
V	Zhu et al., "Targeted manipulation of maize genes <i>in vivo</i> using chimeric RNA/DNA oligonuleotides", Proceedings of the National Academy of Sciences in the USA (1999); vol. 96: 8768-8773	

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